

CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

2203 Airport Way So., Suite 400 • Seattle, WA 98134
Chempro (206) 223-0500

Resource Recovery (206) 223-0900
WAD061672812

23499

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD980738546		Manifest Document No. 23499		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.															
3. Generator's Name and Mailing Address ALASKAN COPPER WORKS 628 SO. HANFORD SEATTLE WA, 98134						A. State Manifest Document Number																	
4. Generator's Phone (206) 623-5800 ex 233						B. State Generator's ID																	
5. Transporter 1 Company Name Resource Recovery						C. State Transporter's ID																	
6. US EPA ID Number WAD061672812						D. Transporter's Phone 206-223-0900																	
7. Transporter 2 Company Name						E. State Transporter's ID																	
8. US EPA ID Number						F. Transporter's Phone																	
9. Designated Facility Name and Site Address <input checked="" type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input checked="" type="checkbox"/> Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 <input type="checkbox"/> Other:						10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991261767																	
G. State Facility's ID						H. Facility's Phone 762-3362 206-872-8030																	
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.											
a. non RCRA waste liquid						1. No. 1		2. Type DF		3. 50		4. G		5. WTD2									
b.																							
c.																							
d.																							
J. Additional Descriptions for Materials Listed Above CP 43497						K. Handling Codes for Wastes Listed Above																	
15. Special Handling Instructions and Additional Information																							
GENERATOR EMERGENCY TELEPHONE 206) 623-5801 x 233 <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED																							
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																							
Printed/Typed Name WAYNE LARSEN						Signature Wayne Larsen						Month 11		Day 17		Year 91							
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name Jim A Rouse						Signature Jim A Rouse						Month 11		Day 17		Year 91	
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name						Signature						Month		Day		Year	
19. Discrepancy Indication Space Changes made per Wayne Larson 1-9-91 KB																							
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.																							
Printed/Typed Name ON BEHALF OF CHEMPRO KATHLEEN BETTERMAN						Signature Kathleen Betterman						Month 11		Day 17		Year 91							

ORIGINAL — RETURN TO GENERATOR

**RESOURCE RECOVERY CORP.**

A CHEMPRO COMPANY

5501 AIRPORT WAY SO.
OFFICE (206) 767-0355SEATTLE, WASH. 98108
DISPATCH (206) 824-1878**BILL OF LADING****331631**ORIGIN Seattle Washington DATE 1/7 19 91SHIPPER Alaskan Copper WorksCONSIGNEE Chemical Processors IncorporatedDESTINATION Seattle Washington (Georgetown)

SHIPPERS NO.

ORDER NO.

2349910056


IN THE ABSENCE OF A BILL OF LADING SUPPLIED BY THE SHIPPER, THIS TRUCK LOADING ORDER WILL BECOME A LEGAL BILL OF LADING. TRANSPORTATION SUBJECT TO PUC REGULATIONS.

FOR OFFICE USE ONLY

QUANTITY	DOT PROPER SHIPPING NAME	HAZARD CLASS	HAZ. MATERIAL I.D. NUMBER	WEIGHT	RATE	FREIGHT
<u>1 DT</u>	<u>Non RCRA Waste Liquid</u>	<u>—</u>	<u>—</u>			

GROSS _____ SHIPPER Wang

TARE _____ CONSIGNEE _____

NET _____ TRANSPORTED BY Ima HousePLEASE PAY
THIS AMOUNT 

PUC REGULATIONS REQUIRE PAYMENT OF THIS BILL IN SEVEN DAYS.

ORIGINAL FREIGHT BILL

CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

2203 Airport Way So., Suite 400 • Seattle, WA 98134
 Chempro (206) 223-0500 Resource Recovery (206) 223-0900
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UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD980739546	Manifest Document No. 23499	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address CLASKAN CORP. 228 SO. HANFORD Seattle 98134		4. Generator's Phone (206) 623-5800 ex 233		A. State Manifest Document Number		
5. Transporter 1 Company Name Resource Recovery		6. US EPA ID Number WAD061672812		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 223-0900		
9. Designated Facility Name and Site Address <input type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input type="checkbox"/> Chempro 20245 70th Ave. South Kent, WA (206) 872-0090 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 020257945		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers	13. Total Quantity	14. Unit Wt/Vol	15. Waste No.	
a. non RCRA waste liquid		No. 1 Type DF	50	G	WJ02	
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above CP 43497		K. Handling Codes for Wastes Listed Above				
15. Special Handling Instructions and Additional Information						
GENERATOR EMERGENCY TELEPHONE (206) 623-5800 ex 233 <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name WAYNE LARSEN		Signature <i>Wayne Larsen</i>		Month Day Year 11 17 91		
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>Jim A. House</i>		Month Day Year 11 17 91		
Printed/Typed Name Jim A. House		Signature		Month Day Year		
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year		
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		

GENERATOR'S COPY

[illegible]

Wayne Larson

11/12/90

TO BE FILLED IN BY PURCHASING DEPT

11/14/90

P.O. NUMBER

M17580

PURPOSE OR USE

VENDOR

Chemical Processes are

DELIVERY NEEDED BY

CONTACT

TELEPHONE NO. 24

HONE 243 677 4

**SUGGESTED
VENDOR**

DELIVERY
PROMISED

SHIP VIA

AC 9043/R 12-85

AKC-0018534



REQUESTED BY <i>Wayne Larson</i>	DATE <i>11/14/90</i>	APPROVED BY <i>[Signature]</i>	DATE <i>11/14/90</i>
PURPOSE OR USE	TO BE FILLED IN BY PURCHASING DEPT.		
DELIVERY NEEDED BY	P.O. NUMBER <i>M17580</i>		
SHIP TO ADDRESS	VENDOR <i>Chemical Processors Inc</i>		TELEPHONE NO. <i>252-6776</i>
SUGGESTED VENDOR	DELIVERY PROMISED		SHIP VIA

CHEMPRO GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

CP# 43497

WASTE PROFILE SHEET CODE

CHEMPRO Facility:

(SHADED AREAS FOR CHEMPRO USE ONLY)

CP Sales Rep.

A. GENERATOR INFORMATION

1. Generator Name: ALASKAN Copper Works 2. Generator, USEPA/ID: WAD980738546
3. Facility Address: 628 So. Monford City: Seattle State: Washington Zip Code: 98134
4. Generator Contact: Wayne Larsen 5. Title: Env. Eng. 6. Phone: (206) 623-5800

B. MAIL CHEMPRO INVOICES TO: 1. ☐ Generating Facility (A, above), or

2. Company Name: ALASKAN Copper & Brass 3. Phone: (206) 623-5800 4-233
4. Address: PO Box 3546 City: Seattle State: WASH Zip Code: 98124
5. Atten: Wayne Larsen

C. 1. NAME OF WASTE RINSE TANK + Bottom Sludge for nitric 2. PROCESS GENERATING WASTE ACID AMMONIUM BIFLUORIDE

3. Is this waste a Dioxin listed waste as defined in 40 CFR 261.31 (e.g., F020, F021, F022, F023, F026, F027 or F028)?

☐ Yes ☒ No If yes, contact your CHEMPRO sales representative for assistance before completing this form.

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color: Green
Gray
2. Physical State @ 70°F: ☐ Solid ☒ Semi-Solid ☐ Liquid ☐ Powder
Other: _____
3. Layers: ☐ Multilayered ☒ Bi-Layered ☐ Single Phased
4. Specific Gravity: ☐ < 8 ☐ 1.1-1.2 ☐ 8-1.0 ☐ 1.3-1.4
Exact/other: _____
5. Free Liquids: ☐ No ☒ Yes 50 %
6. pH: ☐ NA ☐ < 2 ☒ 2-4 ☐ 4-6 ☐ 6-8 ☐ 8-10 ☐ 10-12.5 ☐ > 12.5 ☐ Range _____

7. Liquid Flash Point: ☐ < 70°F ☐ 70-99°F ☐ 100-139°F ☐ 140-199°F ☐ > 200°F ☒ None ☐ Closed Cup ☐ Open Cup

E. CHEMICAL COMPOSITION

1. WATER nitric AMMONIUM BIFLUORIDE Bottom Sludge
MIN. - MAX. %
65 - 75 %
3 - 5 %
1 - 2 %
20 - 25 %
TOTAL 107 %

Please note: The chemical composition total in the maximum column must be greater than or equal to 100%.

2. Indicate if this waste contains any of the following:

NONE OR LESS THAN OR ACTUAL
PCB's ☒ ☐ < 50 ppm ☐ _____ ppm
Cyanides ☒ ☐ < 50 ppm ☐ _____ ppm
Phenolics ☒ ☐ < 50 ppm ☐ _____ ppm
Sulfides ☒ ☐ < 50 ppm ☐ _____ ppm

F. METALS Indicate if this waste contains any of the following:

1. ☒ EP TOX/TCLP or 2. ☐ Total
METAL LESS THAN or ACTUAL
(Parts Per Million)
Arsenic (As) ☐ < 5 ☐ 5-499 ☐ _____ ppm
Barium (Ba) ☐ < 100 ☐ _____ ppm
Cadmium (Cd) ☐ < 1 ☐ 1-99 ☐ _____ ppm
Chromium (Cr) ☒ < 5 ☐ _____ ppm
Lead (Pb) ☐ < 5 ☐ 5-499 ☐ _____ ppm
Mercury (Hg) ☐ < 0.2 ☐ 0.2-19 ☐ _____ ppm
Selenium (Se) ☐ < 1 ☐ 1-99 ☐ _____ ppm
Silver (Ag) ☐ < 5 ☐ _____ ppm
Chromium-Hex (Cr + 6) ☐ < 5 ☐ 5-499 ☐ _____ ppm
Copper (Cu) ☒ < 5 ☐ _____ ppm
Nickel (Ni) ☐ < 5 ☐ 5-133 ☐ _____ ppm
Thallium (Tl) ☐ < 5 ☐ 5-129 ☐ _____ ppm
Zinc (Zn) ☒ < 5 ☐ _____ ppm
_____ ☐ < _____ ppm
_____ ☐ < _____ ppm
_____ ☐ < _____ ppm

TURN PAGE AND COMPLETE OTHER SIDE

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

PO# M17580

G. OTHER HAZARDOUS CHARACTERISTICS

1. Is this waste a listed solvent waste as defined by 40 CFR 261.31 (F001, F002, F003, F004, or F005)?

☐ Yes ☒ No

2. Does this waste contain greater than 1000 ppm total halogenated organic compounds?

☐ Yes ☒ No

3. Indicate if this waste is any of the following: ☐ None

☒ RCRA Reactive

☐ Shock Sensitive

☐ Etiological

☐ Water Reactive

☐ Pyrophoric

☐ Pesticide Manufacturing Waste

☐ Explosive

☐ Radioactive

H. USEPA/STATE INFORMATION

1. USEPA Hazardous Waste? ☒ Yes ☐ No

2. USEPA Hazardous Waste Number(s): D002

3. State Hazardous Waste? ☒ Yes ☐ No

4. State Hazardous Waste Number(s): WTO1

I. SHIPPING INFORMATION

1. Is this a DOT Hazardous Material? ☐ Yes ☐ No

2. CERCLA Reportable Quantity (RQ): 1000 (lb)

3. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Solid

☒ Drum (Type/Size): 55 gal Other: _____

4. Amount to ship now / units: 1

5. ☒ One time - OR - Anticipated Volume/Units per year: _____

US DOT DESCRIPTION:

(1000) WASTE Liquid NOS NITRIC ACID

OXIDIZER

NA1760

8. HAZARD CLASS

9. DOT ID NUMBER

10. ADDITIONAL DESCRIPTION

J. SPECIAL HANDLING INFORMATION

☐ Additional Page(s) Attached

K. GENERATOR CERTIFICATION I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

1. Wayne Sarsen

SIGNATURE

2. _____
TITLE

3. _____
NAME (TYPE OR PRINT)

4. _____
DATE

SHADED AREA FOR CHEMPRO USE ONLY:

SAFETY & HEALTH SCREEN

Additional Analysis

Minimum TLV: _____ STEL: _____ Ceiling: _____ by _____ Vapor Pressure: _____

Vapor Density: _____

Classification

Codes: _____ Health: _____ Fire: _____ Reactivity: _____ PPE: _____ Target Organ: _____

Primary Potential Toxic Effect: _____

Signature: _____

H	HEALTH	<input type="checkbox"/>
F	FLAMMABLE	<input type="checkbox"/>
R	REACTIVITY	<input type="checkbox"/>
PERSONAL PROTECTION		<input type="checkbox"/>

December 13, 1990



A Burlington
Environmental Inc.
Company

Mr. Wayne Larsen
Alaskan Copper & Brass
P.O. Box 3546
Seattle, WA 98124

Dear Mr. Larsen:

The waste material described in this Profile sheet(s) has been reviewed by Chempro, CP# 43497

This material is acceptable for recycling and/or disposal. Chempro has the appropriate permit(s) for, and will accept this waste. This is in accord with WAC 173-303-290.

1. Sign and return to Chempro one copy of the Waste Transportation and Management Agreement and/or one copy of the Exhibit A/B which are enclosed. The second copy is for your file. If a contract is already in place you will receive only the Exhibit A/B's. If you make any changes to this contract without Chempro's agreement the contract is not valid.
2. If you do not have previously established credit with Chempro or have not received approval on your credit application, please contact your sales representative.
3. Complete the enclosed Uniform Hazardous Waste Manifest. This is a federal document with state requirements included and must be filled out correctly. Refer to the instructions on the back of the manifest and the copy of your Profile for the information you need. **DO NOT MAIL THE MANIFEST. IT MUST ACCOMPANY THE SHIPMENT.**
4. Make two copies of the Landfill Notification form, (if attached to the profile) complete the generator information, attach one copy to the Manifest and retain one copy for your records.
5. Fill out the Hazardous Waste labels and apply to each drum along with the hazard class label.

When these steps are complete and credit is approved you may arrange shipment. If you wish Resource Recovery to handle transportation for you, please call our Sales Office to place a pick up order.

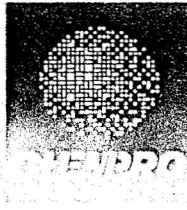
Sincerely,

Kay Eberle
Sales Coordinator

CHEMICAL PROCESSORS, INC.

2203 Airport Way South, Suite 400 • Seattle, Washington 98134
(206) 223-0500 • FAX: 223-7791

AKC-0018538



A Burlington
Environmental Inc.
Company

NOTIFICATION EXEMPTION FORM

These wastes are not subject to the Notification or Certification requirements of 40 CFR Part 268 for the reason indicated below:

- ☐ This waste is exempt from RCRA as Household Hazardous Waste per 40 CFR 261.4(b)(1) and WAC 173-303-071(2)(c). (Household Hazardous Wastes may be designated using 49 CFR 172.101 proper shipping names for descriptive purposes only.)
- ☐ This waste is not regulated as a dangerous waste per 40 CFR Part 261 or WAC 173-303.
- ☐ This RCRA waste is a regulated waste under 40 CFR Part 261, for which land disposal restrictions of 40 CFR Part 268 have not been promulgated.
- ☒ This waste is a Washington state-only dangerous waste (such as WT01, WT02, WP01, WP02, WP03, WC01, WC02, or W001) and not subject to the land disposal restrictions of 40 CFR Part 268.
- ☐ This waste is exempt from regulation as dangerous waste based on meeting the requirements for used oil as specified in Subpart E of 40 CFR Part 266 and WAC 173-303-515.

- ☐ This material is contaminated media or debris waste from the removal of an Underground Storage Tank (UST) which is deferred from regulation as specified in 40 CFR Part 280.10(b)(1). (Note: This deferral does not apply to material removed from inside the UST.)

Generator Signature: _____

Wayne Gordon

- ☐ This material is a petroleum product which is not subject to Subtitle C hazardous waste rules because it will be beneficially used, re-used, recycled or reclaimed for energy recovery. (Note: A petroleum product which is contaminated with water is considered exempt if there is any recoverable petroleum present. This material has not been mixed with a listed RCRA waste.)

Generator Signature: _____

Operator Signature: _____

Profile Number: CP 43497

Manifest Number: 23499

Generator Name: ALASKAN COPPER WORKS

CHEMICAL PROCESSORS, INC.

2203 Airport Way South . Suite 400 • Seattle, Washington 98134
(206) 223-0500 • FAX: 223-7791

EXHIBIT A

Generator: ALASKAN COPPER WORKS/ ALASKAN COPPER & BRASS

Waste Material Profile Sheet(s) No(s) 43497

a. () Loading of the described waste material (the "Waste Materials") onto transportation vehicles, cars or vessels.

b. () Transportation of the Waste Materials from:

to the permitted waste management facility at:

by: _____

and/or _____

c. () Receipt of the Waste Materials from:

_____ 628 South Hanford _____

_____ Seattle, Washington 98134 _____

to the permitted Waste Management facility at

_____ 20245 76th Avenue South _____

_____ Kent, Washington 98032 _____

Place, Time and Frequency and Quantity(ies) and Transfer of Title to Waste Materials: 8:00am - 4:30pm Weekdays, except holidays, weather permitting.

EXHIBIT B

PROFILE AND DISPOSAL FEE:

43497: \$100.00 profile fee
\$450.00 per 55 gallon drum

Disposal fees do not include transportation

By their signature hereto, the parties agree that these Exhibits A and B, including the referenced Waste Material Profile Sheet(s), shall be considered an attachment to, and part of, that certain "Waste Transportation and Management Agreement" identified above.

CHEMICAL PROCESSORS, INC.

Company

Harold C. Williams

Signature

Harold C. Williams

Print Name

Division Sales Manager

Title

Date

12/13/90

ALASKAN COPPER WORKS/COPPER & BRASS

Company

Wayne Larsen

Signature

WAYNE LARSEN

Print Name

cont coordinator

Title

Date

12/17/90